

REMARKS

I. Introduction

With the cancellation herein without prejudice of claims 16 and 25, claims 14, 15, 17 to 24, and 26 to 28 are pending in the present application. In view of the foregoing amendments and the following remarks, it is respectfully submitted that all of the presently pending claims are allowable, and reconsideration is respectfully requested.

Applicants note with appreciation the acknowledgment of the claim for foreign priority and the indication that all certified copies of the priority documents have been received.

Applicants thank the Examiner for considering the previously filed Information Disclosure Statement, PTO-1449 paper and cited references.

II. Rejection of Claims 14, 15, 23, 24, and 26 to 28 Under 35 U.S.C. § 102(b)

Claims 14, 15, 23, 24, and 26 to 28 were rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Patent No. 6,684,742 ("White"). It is respectfully submitted that White does not anticipate the present claims for at least the following reasons.

Claim 14 has been amended herein without prejudice to recite *inter alia*, that the method includes producing one of (a) first cutting paths and (b) ancillary cutting paths with a spherical cutter having a tool head radius corresponding to a tool shank radius, and producing second cutting paths for the cutting tool from the one of (a) the first cutting paths and (b) the ancillary cutting paths. Support for this amendment may be found, for example, on page 6, lines 23 to 33, of the Specification.

White does not disclose, or even suggest, producing one of (a) first cutting paths and (b) ancillary cutting paths with a spherical cutter having a tool head radius corresponding to a tool shank radius, and producing second cutting paths for the cutting tool from the one of (a) the first cutting paths and (b) the ancillary cutting paths. White describes a tool for shaping sculpted surfaces where at least one portion of the silhouette of the cutting edge is curved and has a radius of curvature larger than the radius of the tool itself. White is not relied upon for disclosing or suggesting the features of producing one of (a) first cutting paths and (b) ancillary cutting paths with a spherical cutter having a tool head radius corresponding to a tool

shank radius, and producing second cutting paths for the cutting tool from the one of (a) the first cutting paths and (b) the ancillary cutting paths. Indeed, it is respectfully submitted that White does not disclose, or even suggest, these features. As such, it is respectfully submitted that White does not disclose, or even suggest, all of the features included in claim 14. Consequently, it is respectfully submitted that White does not anticipate claim 14, or claim 15 which depends from claim 14.

Claim 23 has been amended herein without prejudice to recite that a cutting tool, for cutting freeform surfaces on a workpiece, includes a tool shank; and a tool head; wherein a radius of the tool head is greater than a radius of the tool shank and smaller than a smallest radius of curvature of the freeform surface. Support for this amendment may be found, for example, on page 6, lines 2 to 5, of the Specification.

Claim 27 has been amended herein without prejudice to recite that a method includes manufacturing a rotationally symmetric component by cutting a workpiece with a cutting tool, the cutting tool including a tool shank and a tool head, a radius of the tool head greater than a radius of the tool shank and smaller than a smallest radius of curvature of the freeform surface.

As mentioned above with respect to claim 23, White does not disclose, or even suggest, that a radius of the tool head is smaller than a smallest radius of curvature of the freeform surface. It is, therefore, respectfully submitted that White does not disclose, or even suggest, all of the features included in claim 27. Consequently, it is respectfully submitted that White does not anticipate claim 27, or claim 28 which depends from claim 27.

In view of all of the foregoing, withdrawal of this rejection is respectfully requested.

III. Rejection of Claim 25 Under 35 U.S.C. § 103(a)

Claim 25 was rejected under 35 U.S.C. § 103(a) as unpatentable over White. It is respectfully submitted that White does not render unpatentable these claims for at least the following reasons.

Claim 25 has been canceled herein without prejudice, thereby rendering moot the present rejection with respect to claim 25

In view of all of the foregoing, withdrawal of this rejection is respectfully requested.

IV. Conclusion

It is therefore respectfully submitted that all of the presently pending claims are allowable. All issues raised by the Examiner having been addressed, an early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

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